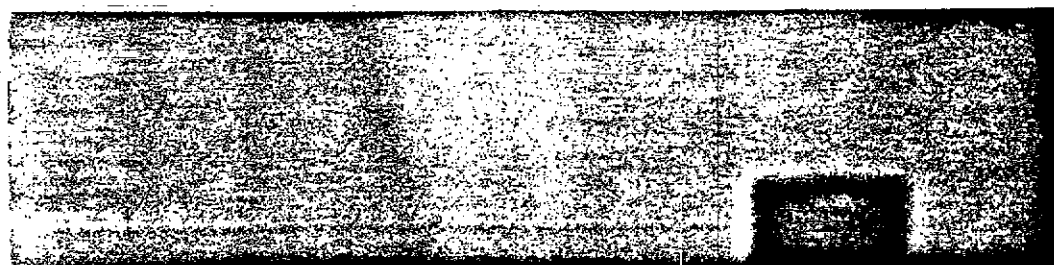


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PROJECT FOR
PERFORMANCE OF
REMEDIAL RESPONSE ACTIVITIES AT
UNCONTROLLED HAZARDOUS
SUBSTANCE FACILITIES—ZONE 1

NUS CORPORATION
SUPERFUND DIVISION

AR300206

PFE
ORIGINAL
(red)

R-585-9-5-19
DRAFT LETTER REPORT
ORDNANCE WORKS DISPOSAL AREA
PREPARED UNDER

TDD NO. F3-8506-18
EPA NO.
CONTRACT NO. 68-01-6699

FOR THE
HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

SEPTEMBER 17, 1985

NUS CORPORATION
SUPERFUND DIVISION

Disclaimer:

This report has been prepared for the U.S. Environmental Protection Agency (EPA) under Contract No. 68-01-6699. The content does not necessarily reflect the views and policies of EPA nor does the mention of trade names or common products constitute endorsement by EPA.

AR300207

ORIGINAL
(red)

September 17, 1985
R-585-9-5-19
68-01-6699

Mr. Harold Byer
U.S. Environmental Protection Agency
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107

Subject: Draft Letter Report
TDD No. F3-8506-18
Ordnance Works Disposal Area
Morgantown, West Virginia

Dear Mr. Byer:

Summary

NUS FIT III was tasked to conduct a site reconnaissance of an approximately 500-acre, forested section of the subject site, to determine whether waste disposal had occurred in the past. If there were indications of hazardous waste disposal, then a sampling plan was to be developed and initiated at a later date.

Although the Morgantown Ordnance Works site is on the National Priorities List (NPL), this 500-acre forested section has never been thoroughly investigated. One section in particular, a 1-acre bare spot, was identified as a possible waste disposal area in an EPIC aerial study.

The site reconnaissance was conducted on July 23, 1985 by FIT III members Arthur Weber and Thomas Fromm. Officials from EPA, West Virginia Department of Natural Resources (WV DNR), and the Morgantown Industrial Park, Incorporated were also in attendance. The area was toured on foot and in 4-wheel drive vehicles.

AR300208

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Gave to Buyer

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AWARD FEE PERFORMANCE EVENT REPORT PART II. EVALUATION CRITERIA SCORE SHEET			
CONTRACT NO. 68-01-6699		CONTRACTOR NUS Corp.	
REPORTING ELEMENT Ordinance WKS DISP		DATES OF REPORTED EVENT FROM: 8506-18 TO:	
PERFORMANCE EVALUATION CATEGORY		NO. OF HOURS PFE	TOTAL COST
CONTRACTOR CONTRACT		PHONE NO.	PERFORMANCE MONITOR PFE PHONE NO.
PERFORMANCE CRITERIA	RATING	SUPPORTING COMMENTS	
<u>PROJECT PLANNING</u> - ORGANIZING (E.G., WORK PLAN DEVELOPMENT, DATA REVIEW) - SCHEDULING - BUDGETING	5 4 ✓ 3 2 1		
<u>TECHNICAL COMPETENCE & INNOVATION</u> - EFFECTIVENESS OF ANALYSES - MEET PLAN GOALS - SUPPORT COE, STATE, ENFORC. - ADHERE TO REGS. & PROCEDURES - APPROACH CREATIVITY/INGENUITY - EXPERT TESTIMONY	5 4 ✓ 3 2 1	met goals of inspection	
<u>SCHEDULE & COST CONTROL</u> - BUDGET (HOURS & COST) MAINTENANCE - PRIORITY/SCHEDULE ADJUSTMENTS - COST MINIMIZATION	5 4 3 2 1		
<u>REPORTING</u> - TIMELINESS OF DELIVERABLES - CLARITY - THOROUGHNESS	5 4 ✓ 3 2 1	Fairly quick turnaround. Site visit 7-23-85 received report 9-17-85	
<u>RESOURCE UTILIZATION</u> - STAFFING - SUBCONTRACTING - EQUIPMENT, TRAVEL, ETC.	5 4 3 2 1		
<u>EFFORT</u> - RESPONSIVENESS - MOBILIZATION - DAY-TO-DAY - SPECIAL SITUATIONS (E.G., ADVERSE/ DANGEROUS CONDITIONS)	5 4 ✓ 3 2 1		

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Findings

The area of concern is heavily wooded and has a steep, rugged terrain. According to John Snyder, of the Morgantown Industrial Park, Incorporated, this land was used primarily for security reasons during World War II. The land was heavily patrolled by armed guards to prevent sabotage of the munitions plant.

The wooded area in question served as a buffer zone and there are no indications that waste disposal has ever occurred on the 500 acres.

The 1-acre bare spot noted in the EPIC study was described as consisting of light-toned material dumped in a circular pattern west of the site. The area remains visible throughout years of EPIC analysis. FIT visited this area and found a ball field that is used by the industrial park employees. The bare area appears to be the result of earth moving (soil was possibly used as cover material) and not disposal (see photographs 1, 2, 3, and 4).

The only possible area of concern is the cooling water treatment facility where a tank of chlorine gas may be stored in a wood building. The area is undergoing partial demolition (see photos).

A fly ash disposal area was inspected by FIT and EPA. This area was heavily vegetated and did not appear to be suffering adverse affects from the disposal.

The FIT found no other areas of concern; however, thick vegetative growth blocked visual survey of the entire area. For this reason, FIT suggests a low altitude fly-over during the fall, winter, or spring months when vegetation growth will not restrict a visual survey.

Persons Contacted

Prior to Site Visit

Carol Stokes
U.S. EPA
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107
(215) 597-8186

AR300210

Mr. Harold Byer
U.S. Environmental Protection Agency
September 17, 1985 - Page 3
Ordnance Works Disposal Area Draft Letter Report

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At the Site

Carol Stokes
Paula Luborsky
U.S. EPA
841 Chestnut Building
Ninth and Chestnut Streets
Philadelphia, PA 19107
(215) 597-8186

Pamela Hayes
WV Department of Natural Resources
Hazardous Waste Division
1800 East Washington Street
Charleston, WV 25301
(304) 348-5935

Kevin M. Straight
Hazardous Waste/
Groundwater Inspector
West Virginia Division
of Water Resources
Hazardous Waste/Groundwater Branch
Charleston, WV 25301
(304) 363-3537

Cecil Underwood
John Snyder
Morgantown Ind. Park, Inc.
General Partners for
Morgantown Ind. Park,
Ltd. Partnership
1000 DuPont Road
Morgantown, WV 26505
(304) 292-9654

If you have any questions, please contact me.

Respectfully submitted,

Reviewed by,

Approved by,

Arthur L. Weber
Environ. Engineer

Thomas Fromm
Assistant Manager

Garth Glenn
Manager, FIT III

ALW/rmk

Attachments

Disclaimer:

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AR300211

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ATTACHMENT 1

AR300212

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F3-8506-18

1. COST CENTER:		REM/FIT ZONE CONTRACT TECHNICAL DIRECTIVE DOCUMENT (TDD)			2. NO.	
ACCOUNT NO.:						
3. PRIORITY:		4. ESTIMATE OF TECHNICAL HOURS:	5. EPA SITE ID:	6. COMPLETION DATE:	7. REFERENCE INFO.:	
<input type="checkbox"/> HIGH <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> LOW		300		3 wks. after QA	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> ATTACHED <input type="checkbox"/> PICK UP	
		4A. ESTIMATE OF SUBCONTRACT COST:	5A. EPA SITE NAME:			
			<u>Ordinance Works</u> <u>Morgantown, W. VA</u>			
8. GENERAL TASK DESCRIPTION: <u>Conduct a site recon/site inspection at the subject site (enforcement support</u>						
9. SPECIFIC ELEMENTS: <u>1.) Meet w/Carol Stokes for additional information and task requirements.</u>						
<u>2.) Arrange for site access & perform site recon to determine sample locations.</u>						
<u>3.) Prepare & submit sampling plan to EPA for approval.</u>						
<u>4.) Coordinate lab analysis.</u>						
<u>5.) Revisit site & obtain samples according to approved sampling plan.</u>						
<u>6.) Take and ship samples according to standard protocol.</u>						
<u>7.) Perform Quality Assurance Review of lab data.</u>						
<u>8.) Prepare and submit field trip report, including quality assurance review</u>						
<u>9.) All work on this project to be performed according to: WP-SI-1, Rev.1.</u>						
10. INTERIM DEADLINES:						
<u>7/31/85</u>						
<u>8/31/85</u>						
<u>10/31/85</u>						
11. DESIRED REPORT FORM: FORMAL REPORT <input checked="" type="checkbox"/> LETTER REPORT <input type="checkbox"/> FORMAL BRIEFING <input type="checkbox"/>						
OTHER (SPECIFY): <u>Coordinate all activities w/Carol Stokes. No tox review is required for this task.</u>						
12. COMMENTS: <u>State Code 054</u> <u>County Code 061</u>						
13. AUTHORIZING RPO: <u>Harold G Bygn</u> (SIGNATURE)					14. DATE: <u>6/20/85</u>	
15. RECEIVED BY: <input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> ACCEPTED WITH EXCEPTIONS <input type="checkbox"/> REJECTED <u>[Signature]</u> (CONTRACTOR RPM SIGNATURE)					16. DATE: <u>7/2/85</u>	

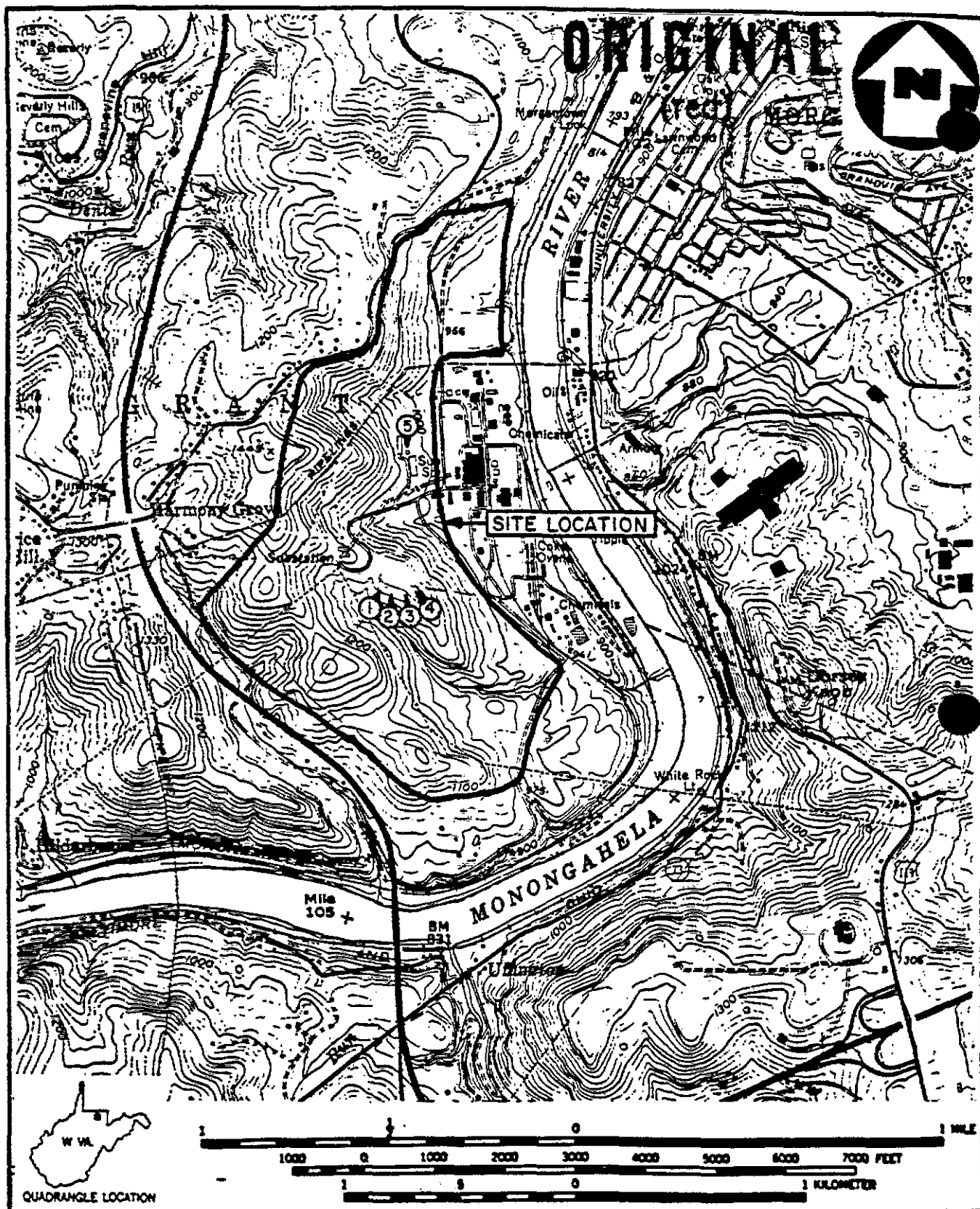
Sheet 1
Sheet 2White - FITL Copy
Canary - DPO CopySheet 3
Sheet 4Pink - Contracting Officer's Copy (Washington, D. C.)
Goldenrod - Project Officer's Copy (Washington, D. C.)

AR300213

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ATTACHMENT 2

AR300214



SOURCE: (7.5 MINUTE SERIES) USGS MORGANTOWN, W.VA. QUAD.

PHOTO LOCATION MAP
ORDNANCE WORKS, MORGANTOWN, W.VA.
SCALE 1:24000

AR300216

FIGURE 2
NUO
CORPORATION
A Halliburton Company

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—ATTACHMENT 3

AR300217

REGISTRATION OR DISNEY

3

8506-18

2/23/85

THURSDAY

Adl
A. WESER

Photo 1, 2, & 3 -
Panorama of suspected dump area
noted in EPIC Survey.

AR300218

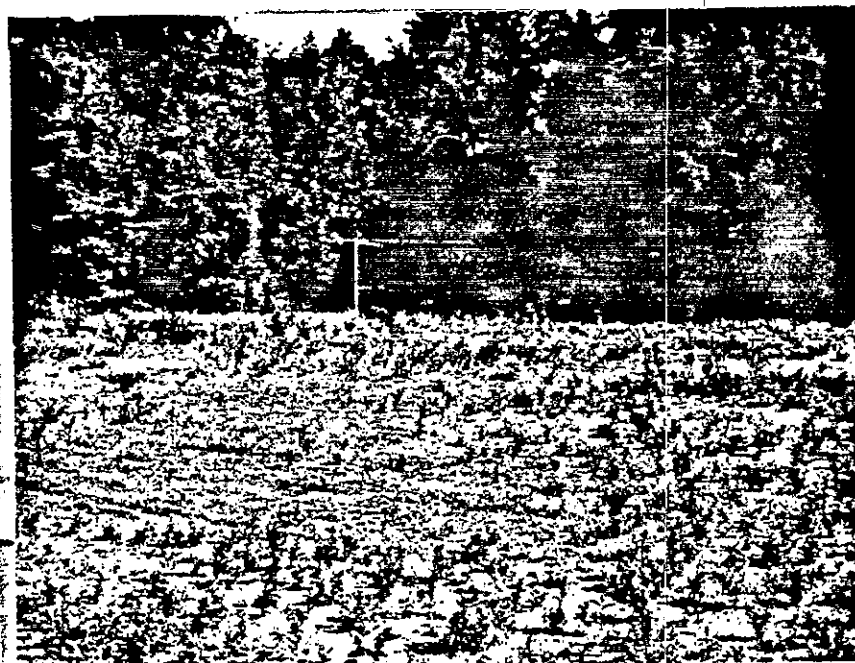


Photo 4 -
Baseball field backstop at one
end of suspected dump area.



Photo 5 -
Building housing chloride gas
tank.

AR300219